

**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: :  
CARL F. LIEPOLD :  
Serial No: 10/603,799 :  
Filed: JUNE 24, 2003 :  
Title: ADAPTIVE TEMPERATURE CONTROL CIRCUIT WITH PWM OUTPUT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**

Responsive to the Formalities letter dated 09/03/2003, please amend the above-identified application by amending the specification to include an abstract as follows: